

Application No.: 10/581,129
Filing Date: May 30, 2006

AMENDMENTS TO THE CLAIMS

The claims as listed below will replace all prior listings and presentations of claims in the above-identified application.

1. (Currently amended) A climbing system for shuttering, scaffolding and loads in general, comprising:

- an upright that can adapted to be fixed to a wall or can to move vertically in relation to a the wall;
- a bracket arrangement that can also to be fixed to the wall or to move vertically in relation to the wall with a movement relative to the upright[;], said bracket arrangement having mounted thereon a shuttering structure for casting sections of the wall;
- an upper head attached to the bracket arrangement and also solidly joined to the a body portion of a hydraulic cylinder, the hydraulic cylinder including a rod; and
a lower head attached to said rod of said hydraulic cylinder, each of said upper
and said lower heads further comprising:
 - a rod of said cylinder attached to a lower head; both said upper and lower
heads having a body with upper and lower wings defining therebetween guides
that encircle the upright[;], —each of the heads having a rocker that can
configured to act on flanges or blocks distributed along the upright, the rocker is
being mounted on a transversal axis, against the action of a spring that
permanently acts on the rocker in any of it's the rocker's operating positions;
 - a handle solidly joined to the transversal axis that can make for rotating said axis rotate to change the position of the rocker in relation to the upright[;], wherein the handle defines three operating positions for the rocker, including, (a) a position for raising the upright in which an upper face of the rocker is in a horizontal position and is adapted to push one of the flanges on the upright upwards to raise the upright, (b) a neutral position in which an inclined plane of the rocker is parallel to the upright and does not interact with the upright, and (c) a position for raising the bracket arrangement in which a lower face of the rocker is in a horizontal position and is adapted to rest on a flange on the upright to help raise the bracket arrangement; and

-a safety positioner ~~that makes it possible to limit~~ limits the positions of the rocker, the safety positioner comprising: an inner disc that moves with a tilting movement of the rocker and that has a peripheral notch that defines a groove, which works with a spring positioner housed, depending on the operating position of the rocker, in one of three holes provided in an outer cover of the head, in such a way that the tilting movement of the rocker is limited when the spring positioner abuts against one of the edges of the groove in the inner disc and, specifically, (a) an upper hole into which the spring positioner is adapted to be inserted to define a position that limits the tilting movement of the rocker as the bracket arrangement is raised, (b) a lower hole into which the spring positioner is adapted to be inserted to define a position that limits the tilting movement of the rocker as the upright is raised, and (c) a central hole that defines a neutral position of the rocker, there being in a central area of the groove, a hole or recess that coincides in position with the central hole of the outer cover, into which the spring positioner is inserted, preventing the rocker from moving in either direction and thus securing the neutral position of the rocker.

2. **(Currently amended)** The climbing system for shuttering, scaffolding and loads in general, according to claim 1, ~~characterised in that wherein~~ the rocker has a practically triangular form with an inclined plane having two ends, the inclined plane being ~~that is bevelled at its two ends, defining an upper face and an upper front face, at 90°, on one of its vertices and a lower face and a lower front face, also at 90°, on the other vertex,~~ in such a way that on making contact with the flanges on the upright, the inclined plane, as it ascends or descends, tilts against the action of the spring, the inclined plane resuming its position once it ~~the inclined plane~~ has passed over the flange, whilst the upper and lower faces constitute the active faces of the rocker, which can transmit the corresponding stresses to raise the upright and the bracket arrangement.

3. **(Cancelled)**
4. **(Cancelled)**
5. **(Cancelled)**
6. **(Cancelled)**

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7. (**Currently amended**) The climbing system for shuttering, scaffolding and loads in general according to the claim 2, wherein, during ~~the~~-working phases whereby in which the upright and the bracket arrangement are raised, the upper and lower front faces, respectively, remain in contact with the surface of the upright, preventing it from rotating and thus maintaining said operating positions.

8. (**Cancelled**)

9. (**Cancelled**)

10. (**New**) A climbing system for shuttering, scaffolding and loads in general, comprising:

an upright adapted to be fixed to a wall or to move vertically in relation to the wall;

a bracket arrangement adapted to be fixed to the wall or to move vertically in relation to the wall with a movement relative to the upright, said bracket arrangement having mounted thereon a shuttering structure for casting sections of the wall;

an upper head attached to the bracket arrangement and also solidly joined to a body portion of a hydraulic cylinder, the hydraulic cylinder including a rod; and

a lower head attached to said rod of said hydraulic cylinder, each of said upper and said lower heads further comprising:

a body with upper and lower wings defining therebetween guides that encircle the upright, each of the heads having a rocker configured to act on flanges or blocks distributed along the upright, the rocker being mounted on a transversal axis, against the action of a spring that permanently acts on the rocker in any of the rocker's operating positions;

a handle solidly joined to the transversal axis for rotating said axis to change the position of the rocker in relation to the upright, wherein the handle defines three operating positions for the rocker; and

a safety positioner that limits positions of the rocker in the three operating positions.

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11. (New) The climbing system for shuttering, scaffolding and loads in general of Claim 10, wherein the three operating positions include:

a position for raising the upright in which an upper face of the rocker is in a horizontal position and is adapted to push one of the flanges on the upright upwards to raise the upright;

a neutral position in which an inclined plane of the rocker is parallel to the upright and does not interact with the upright; and

a position for raising the bracket arrangement in which a lower face of the rocker is in a horizontal position and is adapted to rest on a flange on the upright to help raise the bracket arrangement.

12. (New) The climbing system for shuttering, scaffolding and loads in general of Claim 10, wherein the safety positioner further comprises an inner disc that moves with a tilting movement of the rocker and which has a peripheral notch that defines a groove, which works with a spring positioner housed, depending on the operating position of the rocker, in one of three holes provided in an outer cover of the head, in such a way that the tilting movement of the rocker is limited when the spring positioner abuts against one of the edges of the groove in the inner disc and, specifically, (a) an upper hole into which the spring positioner is adapted to be inserted to define a position that limits the tilting movement of the rocker as the bracket arrangement is raised, (b) a lower hole into which the spring positioner is adapted to be inserted to define a position that limits the tilting movement of the rocker as the upright is raised, and (c) a central hole that defines a neutral position of the rocker, there being in a central area of the groove, a hole or recess that coincides in position with the central hole of the outer cover, into which the spring positioner is inserted, preventing the rocker from moving in either direction and thus securing the neutral position of the rocker.